



Product Name: Sodium silicate Liquid

Product Code: ACSCSSL

CAS No: 1344-09-08

Description: Sodium silicate liquid is used as binder & builders in Soaps & Detergent industry. This product is APEO Free.

1. Physical Properties:

Appearance: Clear Viscous Liquid.

Odour: Odourless

Silicate: 38-50%

Water: 60% Max

Specific Gravity@25°C: 1.400-1.650

Alkaline Ratio: 1.85-2.3%

2. Chemical Composition:

Active Ingredients: Proprietary blend of Soap & Detergent industry Products.

Hazardous Ingredients: None

3. Applications:

Sodium silicate Liquid is used for wide range of applications such as:

- It is used as a used as waste water treatment in the form of iron flocculent & as an alum coagulant.
- Sodium silicate finds usage in the form of a fixative in the hand dyeing procedure.
- It is used for the preservation of food and even in aquaculture and home-brewing.
- Sodium silicate is also in use in the field of pottery.
- It is used water treatment & making drilling fluids & beaches.
- Sodium silicate adhesive perform most effectively on clean hydrophilic structure.

- They are capable of bonding to many products such as paper, wood, cement & even many non-porous substrates, such as a metals
- It is used as a convenient source of sodium in various industrial products.
- It is used builder in laundry detergent, soaps, adhesive.

4. Storage and Handling:

- Store in a cool, dry place. Stored at less than 60°C.
- Keep the store in closed container.
- Spills do not touch or walk through the material.
- Avoid contact with skin or eyes. In case of contact, rinse immediately with copious amounts of water and medical attention.
- Always wear suitable personal protective equipment (PPE) when handling, including chemical-resistant gloves, safety goggles, and protective clothing.

5. Packaging:

Sodium silicate Liquid is available in 65KG HDPE carboys& ISO Tankers.

6. Shelf Life:

The product typically has a shelf life of 2 years from the date of manufacture when stored as recommended.

7. Safety and Environmental Precautions:

Sodium silicate Liquid is intended for industrial use only.

It's readily biodegradable & Dispose of the product and containers in accordance with local regulations.

Disclaimer: This technical data sheet is for informational purposes only and does not constitute a warranty or guarantee regarding the product's performance. Users should conduct their own tests to determine the suitability of Sodium silicate Liquid for their specific application.